Message

From: ZIFF, SARA [ZIFF.SARA@EPA.GOV]
Sent: 7/28/2015 5:01:45 PM
To: Manzanilla, Enrique [Manzanilla.Enrique@epa.gov]; Huetteman, Tom [Huetteman.Tom@epa.gov]; Lyons, John [Lyons.John@epa.gov]
CC: Scott, Jeff [Scott.Jeff@epa.gov]; Linder, Steven [Linder.Steven@epa.gov]; Gross, Barbara [Gross.Barbara@epa.gov]; Barhite, Steven [Barhite.Steven@epa.gov]; Armann, Steve [Armann.Steve@epa.gov]; Dadap, Nathan C. [DADAP.NATHAN@EPA.GOV]
Subject: Sampling plan - Riverside Ag Park
Attachments: Frey 2006 Groundwater Monitoring Report.pdf

Non-Responsive - as agreed with Requestor

Sara

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From: Tasnif-abbasi, Maryam@DTSC [mailto:Maryam.Tasnif-abbasi@dtsc.ca.gov]
Sent: Monday, July 27, 2015 4:49 PM
To: ZIFF, SARA
Subject: As requested

Suggested Sampling Strategy

Two groundwater monitoring wells are proposed to be installed in the areas of historically highest concentrations to ~~confirm~~ **investigate** the continued presence of polychlorinated biphenyls (PCBs) in groundwater beneath the Site. The objective would be to obtain data to confirm if historic PCB concentrations in groundwater beneath the Site persist.

The following should be incorporated in a formal Work Plan that will be submitted for DTSC review and approval:

1. Two new groundwater monitoring well installations are suggested in the vicinity of the former groundwater monitoring wells MW-6 and MW-7 which exhibited the historically highest PCB results;
2. The new wells may be installed by first installing a conductor casing to an approximate depth of 2 feet above first encountered groundwater and sealed in place. Groundwater monitoring well construction should be completed through the annulus of the conductor casing to the total depth of the well;
3. Appropriate well construction design should be utilized to ensure the highest quality groundwater samples are collected. Well screen slots and filter pack sand should be designed based on the encountered grain size of the formation screened by the well. Appropriate well screen design should facilitate proper well development resulting in the lowest sample turbidity achievable;
4. The new groundwater well should be purged and sampled utilizing "Low Flow" purge and sampling technique as described in USEPA guidance;
5. Groundwater samples should be analyzed for PCBs by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP);
6. DTSC may collect duplicate or split samples;
7. Laboratory data results should be evaluated for data quality; and,
8. Groundwater samples may be collected quarterly up to one year, based on sampling analytical results. Additional sampling may be warranted, based on concentrations of PCBs detected in groundwater.

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